

Title (en)
PROBE FOR MEASURING ELECTRICAL CONDUCTIVITY

Publication
EP 0193015 A3 19900509 (DE)

Application
EP 86101649 A 19860208

Priority
CH 87285 A 19850226

Abstract (en)
[origin: US4719441A] At least two electrodes (1, 2) each provided with at least one lead (5) are applied in the form of conductor tracks to a substrate. The leads (5) can be made of a material having a lower standard potential than that of the electrodes (1, 2). A dielectric (6) covers the electrode ends and, up to the contact points (4), the leads (5). As required, the electrodes (1, 2) can be designed and used as a heating electrode and/or as a temperature sensor. Moreover, the electrodes can be arranged on one side or on both sides of the substrate board (7).

IPC 1-7
G01N 27/07

IPC 8 full level
G01N 27/07 (2006.01)

CPC (source: EP US)
G01N 27/07 (2013.01 - EP US); **Y10T 29/49083** (2015.01 - EP US)

Citation (search report)

- [Y] US 3710237 A 19730109 - WATSON W, et al
- [Y] GB 2029028 A 19800312 - BOSCH GMBH ROBERT
- [A] AT 368811 B 19821110 - SIEMENS AG OESTERREICH [AT]
- [A] FR 1132311 A 19570307
- [A] DE 2061976 A1 19720720 - SLEVOGT K
- [A] US 4139833 A 19790213 - KIRSCH THOMAS S
- [A] US 4073970 A 19780214 - ALLEN RICHARD E
- [A] LE VIDE, Band 37, Nr. 213, August/September/Oktober 1982, Seiten 341-356, Paris, FR; E. KOBIERSKA et al.: "Récents développements des transistors ionosensibles"

Cited by
DE19746075C2; DE102006022290B4; CN106104235A; DE4040332A1; EP0551525A4; US5495176A; WO2008138659A1; WO2008031654A1; WO2007131648A3; WO2015144748A1; WO0009997A1; US10529470B2

Designated contracting state (EPC)
CH DE FR GB LI SE

DOCDB simple family (publication)
EP 0193015 A2 19860903; EP 0193015 A3 19900509; US 4719441 A 19880112

DOCDB simple family (application)
EP 86101649 A 19860208; US 83051686 A 19860214